SUBSYSTEMS: DATA ACQUISTION

MODEL	Bits #	CH #	Min +Vcc	+Icc mA	Power Down Iq uA	Input Voltage Range	Conversion Rate KSPS	Accuracy/Lin +25C	Accuracy/Lin Tmax	Diff Lin +25C	Diff Lin Tmax	Full Scale Err +25C	Full Scale Err Tmax	Zero Err +25C	Zero Err Tmax	Bipolar Zero +25C	Bipolar Zero Tmax	Vref INT	Vref EXT	Tristate Output Latches	I/O	0 70C	-25 85	-40 85	-55 125	# of Pins	Starting Price /100's
AD7824	8	4	5	20	na	+5V	2.5	(Total unadjusted error, 1 LSB)										+5V		Yes	P8	K	B		T	24	$10.45
AD7824	8	4						(Total unadjusted error, 1/2 LSB)														L	C		U		$14.45
AD7828	8	8	+5	20	na	+5V	100	(Total unadjusted error, 1 LSB)										+5V		Yes	P8	K	B		T	28	$10.95
AD7828	8	8						(Total unadjusted error, 1/2 LSB)														L	C		U		$14.95
AD7825	8	4	+3	2.5	10	0>Vref	500	1	1	1	1	(Total unadjusted error, 1 LSB)						2.5		No	P8			A		24	$5.50
AD7829	8	8	+3	2.5	10	0>Vref	500	1	1	1	1	(Total unadjusted error, 1 LSB)						2.5		No	P8			A		28	$7.25
AD8401	with 1, 8 bit D/A							Total unadjusted error= ± 3 LSB's																			
AD8401	8	4	+5V	13			+3V	500	1	1	1	2	4	2	4				1.25		No	P8			G		28	$9.00
AD7777	10	4	+5	10	100	Vbias-Vswing	400	1	1	1	1	12	12	12	12			+2			P10			A		28	$9.75
AD7778	10	8	+5	10	100	Vbias-Vswing	400	1	1	1	1	12	12	12	12			+2			P10			A		44	$10.75
AD7579	10	2 diff	+5	10	na	0>Vref	50	1	1	0.9	0.9	5	5	2	2			+2.5V		Yes	P8	J	A		S	24	$9.90
AD7579	10	2 diff	+5	10				1/2	1/2					1	1							K	B				$16.42
AD7580	10	2 diff	+5	10	na	0>Vref	50	1	1	0.9	0.9	5	5	2	2			+2.5V		Yes	P10	J	A		S	24	$9.90
AD7580	10	2 diff	+5	10				1/2	1/2					1	1							K	B				$16.42
AD7811	10	4	+2.7	2.5	10	0>Vref	500	1	1	1	1	(Total unadjusted error, 1 LSB)						2.5		No	S			A		16	$3.60
AD7812	10	8	+2.7	2.5	10	0>Vref	500	1	1	1	1	(Total unadjusted error, 1 LSB)						2.5		No	S			A		20	$4.05
AD7818	10	4	+2.7	1.3	10	0>Vref	100	1	1	1	1	2	2	1	1			+2.5			S			A		8	$3.60
AD974	16	4	+5	15	10	ALL	200KSPS	3	3	3	3	333		65				+2.5V			S			A		28	
AD974	16	4	+5	15	10	ALL	200KSPS	2	2	1 3/4	1 3/4	165	28	65	8	65	8	+2.5V						B			
AD7858	with Self calibration)																										
AD7858	12	8	+3V	6	10	Vref/2	200	1	1	1	1	1	1	1	1	1	1	2.5			S			A		24	$11.35
AD7858	12	8			10	or ±Vref/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2							B			$14.50
AD7858L	(Low Power version of AD7858)																										
AD7858L	12	8	+3V	1.9	10	Vref/2	100	1	1	1	1	1	1	1	1	1	1	2.5						A			$8.15
AD7858L	12	8			10	or ±Vref/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2				S			B			$10.50
AD7859, Self & System calibration																											
AD7859	12	8	+5V	6	10	Vref/2	200	1	1	1	1	1	1	1	1	1	1	2.5		Yes	P12			A		24	$11.35
AD7859	12	8			10	or ±Vref/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2							B			$14.50
AD7859L (Low Power version of AD7859)																											
AD7859	12	8	+3V	1.9	10	Vref/2	100	1	1	1	1	1	1	1	1	1	1	2.5		Yes	P12			A	S	24	$8.15
AD7859	12	8				or ±Vref/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2							B			$10.50
AD7888	12	8	+2.7	5.225	6 to 700	0>Vref	200	2	2	1	1	3	3	3	3			+2.5V			S			A		16	$4.50
AD7888	12	8						1	1															B			$6.00
AD7890-10	12	8	5	10	15	±10V	100	1	1	1	1	2.5	2.5	2	2	4	4	+2.5V			S			A	S	24	$12.00
AD7890-10	12	8			15			1/2	1/2															B			$15.80
AD7890-4	12	8			15	+4.096																					
AD7890-2	12	8			15	+2.5																					
AD7891-10	12	8	5	10	15	±10V	500	1	1	1	1	2.5	2.5	2	2	4	4	+2.5V			S/P12			A		44	$20.00
AD7891-10	12	8			15		300	1/2	1/2															B			
AD7891-2	12	8			15	+2.5																					
AD7856	14	8	+5V	17		0 to Vref	285	2	2	2	2	10	10	10	10	10	10	4.096			S			A	S	24	$18.00
AD7856	14	8	1					1	1	1	1											K					$18.00